

Sage Notes

Promoting interest in Idaho's native flora

Dates to remember

March 31, 2013:
Deadline to submit 2013
ERIG proposals

March 31, 2013:
Deadline to submit
American Penstemon
Society grant proposal

April 28 – May 4,
2013: Native Plant
Appreciation Week

June 21-24, 2013:
INPS/APS Joint Annual
Meeting, Boise

March 31-August 31,
2013: Photo Contest
entry period

July 11-15, 2013:
Summer Botany Foray



IDAHO NATIVE
PLANT SOCIETY

February 2013
Volume 35 (1)

Articles contributed to
Sage Notes reflect the
views of the authors
and are not an official
position of the Idaho
Native Plant Society.

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2013 INPS / AMERICAN PENSTEMON SOCIETY

JOINT ANNUAL MEETING By Stephen Love,
2013 Meeting Arrangements Chair

Invitation from the American Penstemon Society

The American Penstemon Society (APS), an international organization established in 1945, made the decision to come to Idaho for their 2013 annual meeting. In a benevolent gesture, they extended an invitation to the Idaho Native Plant Society (INPS) to conduct a joint meeting in Boise. This will be a unique and exciting opportunity to meet with professional and amateur botanists from North America and other parts of the world and a great chance for us to show off the natural beauty and ecological uniqueness of the Gem State.

Members of the American Penstemon Society are working with members of the Pahove Chapter of INPS to plan and conduct the meeting. This should make it possible to meet the needs of both organizations. However, because APS issued the invitation, and to avoid confusion, the meeting format will largely follow APS tradition. This means that the meeting will depart from what INPS has normally done in the past. A few differences include: meeting events will be based out of hotel facilities, meeting dates will include a time frame from Friday afternoon through Monday evening (if you choose to participate in the post-meeting tour, otherwise it is over on Sunday evening), and the meeting committee is arranging for a larger portion of meal and event expenses (meaning the registration fees will be higher). Hopefully, the opportunities provided by the meeting will balance out the greater commitment by INPS members in time and money. We encourage you to take advantage of this wonderful event, in spite of the departure from INPS tradition.

Included in this article is a detailed itinerary and description of events for the annual meeting. At the end of the article, you will find an application form, complete with instructions for submitting your registration.

Photo: *Penstemon cusickii*, an uncommon species found in southwest Idaho and eastern Oregon.

Photo by Beth Corbin

Continued on p.4

IDAHO NATIVE PLANT SOCIETY

Address: P.O. Box 9451,
Boise, ID 83707

Email:
info3@idahonativeplants.org

Web site:
www.idahonativeplants.org

INPS BOARD MEMBERS

President: LaMar Orton
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Secretary: Nancy Miller
Treasurer: Elaine Walker
Past-president: Janet Benoit
Member-at-Large:
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Chapter Presidents are also
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2013 Annual Meeting chair:
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Membership chair (interim):
Ardys Holte (Sawabi)

ERIG chair:
Janet Bala (Sawabi)

Newsletter editor:
Jane Rohling (Pahove)

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Nancy Miller (White Pine)

2013 Photo contest committee:
Pahove Chapter

Nominating committee:
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Karl Holte (Sawabi)
Jody Hull (Pahove)
Derek Antonelli (Calypso)

Rare Plant Conference chair:
Beth Corbin (Pahove)

Ranking Committee chair: Beth
Colket (Pahove)

Greetings from the President

Dear Idaho Native Plant Society Members,

As we begin 2013 we have many opportunities coming our way this year. We are all looking forward to the annual meeting on June 21-23. This combined meeting with the American Penstemon Society will be one of the highlights of the year. Elsewhere in this publication you will find the registration information for that meeting. The registration fee is higher this year than we have seen in past years, but that fee includes three different meals, entry into the Idaho Botanical Garden, plus some additional miscellaneous expenses. I hope many of our members will take advantage of this unique opportunity to learn more about Idaho's penstemons.

Another opportunity that we have this year is to volunteer not just within INPS, but outside of the organization. With all the fires on public lands last summer, there will be opportunities to help revegetate the burned areas. I hope each chapter will seek ways that its members can to help BLM, the Forest Service and Idaho Fish and Game with the restoration efforts. In addition to the actual restoration work, we should all take the opportunity to comment to our Federal and State agencies on the plants and seeds that should be used. Such input is important to ensure that our wild areas are revegetated with native plants.

Native Plant Appreciation Week is April 28 – May 4 in 2013. It is an opportunity to raise awareness of the importance and beauty of our native plants. We can spread the work with our posters and with special events during the week.

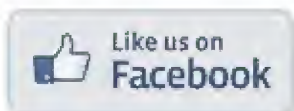
As always we still need volunteers to help on some of our committees. Working on our committees not only helps the organization, but also gives us new insight into how important our volunteers are to having a well-functioning organization.

As I look out my windows now and see Siberia-like conditions, my mind wanders to the coming spring and summer. What experiences lie ahead for us? Where will our plant excursions take us? What new plant will we see? Which old friends will we meet and what new friends will we make? I hope that you all have many memorable experiences in 2013 and that we can take advantage of all that INPS has to offer. We want to thank Craig Miller, for stepping in to help layout this issue on short notice.

Lamar Orton
INPS President

Please support the firms which advertise in *Sage Notes*. Let them know that you saw their ad in *Sage Notes*. If you don't see your favorite native plant company, please send the editor the contact information and we will contact them.

Have you heard? INPS is now on Facebook!



Like our page to receive updates on chapter events and happenings from around the state. View our page at: <https://www.facebook.com/IdahoNativePlants>

INPS State News

2013 Joint Annual Meeting with the American Penstemon Society will be held June 21-24, 2013 in Boise. Please see the article (on pages 1,4-9) for conference information and the registration form. The meeting and field trip schedules and the registration form will also be posted on the INPS home page: www.idahonativeplants.org

2013 Photo Contest. There are no plans to publish an INPS calendar this year, however there will be a Photo Contest. Entry forms and photos may be attached to an email sent to inps-photo@idahonativeplants.org between March 31, 2013 and August 30, 2013. Please see the Contest Rules and the Photo Contest entry form elsewhere in this document. Links to both documents are posted on the INPS home page: www.idahonativeplants.org.

Articles are currently being sought for the May and September issues of *Sage Notes*. Please consider submitting material which will be of interest to our members and our world-wide readers. Because *Sage Notes* is now posted online, articles and other material reach a growing number of online readers in addition to those who read the printed version. A Google search of a topic related to Idaho's native plants and habitats often brings up reference to a *Sage Notes* article. Many of our members and contacts have knowledge to share with the rest of us – please spread the word! And sometimes writing an article or researching a subject you know something about, but not all you would like to know, challenges you. See the sidebar to the right for submission guidelines.

2013 ERIG proposals must be submitted by March 31, 2013. You can find the 2013 submission guidelines, requirements, and application procedure on the ERIG News webpage (<http://www.idahonativeplants.org/erig/Erig.aspx>) as well as in the December issue of *Sage Notes*. Also shown is a table listing past recipients, their projects and links to the articles which have been published in *Sage Notes*. Proposals should be sent electronically to the chair, Janet Bala, at balajane@isu.edu, or mailed to: INPS ERIG Committee Chair, P.O. Box 9451, Boise, ID 83707.

ERIG donations may now be made from the ERIG News page using PayPal or your credit card. PayPal will process a credit card payment or electronic check. You may include a message to INPS with your PayPal payment in the event you wish to make a donation in memory of an individual. All donations are tax-deductible and allow INPS to award more or larger grants in support of conservation, research and education.

We would like to thank the following people and organizations for donations made to the ERIG fund since the beginning of the year: Nancy Cole, Molly O'Reilly, LaMar Orton, Susan Rounds, White Pine Chapter of INPS, and Reid and Nancy Miller in memory of Ray Boyd.

2013 Native Plant Appreciation Week will be held April 28 – May 4, 2013. This also coincides with Washington Native Plant Society NPAW. Chapters will be announcing special events in conjunction with this week, and we have requested a proclamation from the Governor's Office. If you have ideas on how to celebrate our native plants, let the officers know!

The INPS Bylaws Committee (Nancy Miller, Janet Benoit and Kristin Fletcher) met this fall and recently presented a proposed Amended Bylaws document to the Board of Directors. The Board has reviewed and accepted it. The Amended Bylaws will be posted on the INPS website and a vote by the membership will be scheduled this spring.

More News on p.10

Sage Notes, the newsletter of the Idaho Native Plant Society, is published in February, May, September, and December.

Current and recent past issues of *Sage Notes* are posted in full color online at www.idahonativeplants.org/news/Newsletters.aspx along with a searchable index of 2006–2010 issues. We are scanning and uploading older issues as time allows.

Submissions: Members and non-members may submit material for publication. Relevant articles, essays, poetry, news and announcements, photographs and artwork are welcome. Authors, artists, and photographers retain copyright to their work and are credited in *Sage Notes*. Send all submissions electronically to the editor at the link below.

Submission guidelines are posted on the INPS web site: www.idahonativeplants.org/news/Newsletters.aspx. Please provide a phone number and/or email address with your submission. Submission deadlines are January 8, April 1, August 1, and November 1.

Advertising: Advertisements help reach environmentally-minded, native-plant-loving customers and help support INPS. Prices: 1/8 page = \$5, 1/4 page = \$8, 1/2 page = \$15. Submit ads to the editor electronically (JPEG, TIFF, PSD, or PDF files).

Send payment to:
Sage Notes Ads,
P.O. Box 9451,
Boise ID, 83707

Sage Notes editor:
Jane Rohling, sage-editor@idahonativeplants.org
Phone: (208) 938-3529

Hotel/Motels

The Owyhee Plaza Hotel will be the base facility for the 2013 APS/INPS meeting. All business meetings, banquets, and presentations associated with the meeting will be held at this location. The Owyhee Plaza has given APS and INPS members a very affordable reduced rate for rooms (\$80 per night for single or double occupancy). **Rooms will be held at the group rate until May 31**, so please make your reservations early. Call the Owyhee Plaza reservation desk at 1-208-343-4611. (If it is within your budget to stay with us at the Owyhee Plaza Hotel, we encourage you to do so to help us meet minimum room quotas for use of their convention facilities.) The Owyhee Plaza Hotel is located at the northwest edge of downtown Boise; address is 1109 Main Street.

Alternate nearby motels:

Safari Inn-Downtown,
1070 W Grove
Street, Boise, Idaho
1-208-344-6556

Cabana Inn, 1600 Main
Street, Boise, Idaho
1-208-343-6000

Budget Inn, 2600 West
Fairview Inn, Boise,
Idaho 1-208-344-8617

2013 INPS/APS Joint Annual Meeting *(continued from p.1)*

Meeting Dates

The meeting is scheduled for Friday, June 21 through Sunday, June 23. An optional post-meeting tour of the Hells Canyon region will be conducted on Monday, June 24.

Lodging

Please make your own reservations for lodging. Information concerning lodging options is detailed to the left.

Campgrounds (for those with a preference for roughing it):

Elaine Walker, INPS Board Member, has reserved the group camp site at the Gray Back Gulch U.S. Forest Service Campground for those who want to stay and socialize with fellow plant aficionados. The INPS has agreed to cover the fees at this campground, thus allowing attendees to stay for free. This campground is located on Hwy 21 just south of Idaho City, about 36 miles from Boise. Visit on the web: <http://www.fs.usda.gov/recarea/boise/recreation/camping-cabins/recarea/?recid=5170&actid=33> to learn more about the Gray Back Gulch campground. Contact Elaine (email: bat_hareem1@hotmail.com, cell phone: 1-208-761-3957, or home phone 1-208-336-3983) if you need more information about Gray Back Gulch or other camping opportunities.

Two other campgrounds, listed below, are within convenient driving distance of the meeting events. If you wish to stay at one of these campgrounds, please make your own arrangements.

Boise Riverside RV Park (located in the city, privately owned), 6000 N Glenwood, Garden City, ID. Rates (may change): \$25 for a tent site, \$32 for an RV site). See: <http://boiseriversidervpark.com/> for more information.

Macks Creek Park Campground (located 25 miles northeast of Boise on the shores of Lucky Peak Reservoir, privately operated). Rates: \$10 for a tent or RV site. See website for more information: <http://www.visitidaho.org/lodging/public-lands-campground/macks-creek-park/>

Meals

Meals associated with the Friday reception, the Saturday evening banquet, and the Sunday evening social are included in the registration fee. All other meals are on your own. Pack your own lunch and carry it with you on the Saturday, Sunday, and Monday field trips. Most field trips involve travel into very isolated areas and it is essential that you carry enough food and water for an all-day excursion.

Welcome Reception

On Friday afternoon, beginning at 4 p.m., the Idaho Botanical Garden will host a welcome reception. The garden is located at 2355 Old Penitentiary Road near the northeast boundary of Boise. Food and beverages will be provided. At the gardens there will be an opportunity to have a guided tour of the Lewis and Clark native plant gardens and to see the penstemon trials. Idaho Botanical Garden, 2355 Old Penitentiary Road, Boise Idaho 83712, (208) 343-8649, www.idahobotanicalgarden.org/

Banquet

The annual meeting banquet and business meeting will be held at the Owyhee Plaza on Saturday evening. A reception will start at 6 p.m. and the meal served at 7 p.m. Following the meal, we will conduct short business meetings for both organizations and then be treated to a keynote speech by Dr. Don Mansfield. The following description of Dr. Mansfield's credentials was taken from his professional web site:

Professor Mansfield has been on the faculty at The College of Idaho since 1989. He teaches organismal biology, environmental science, field botany, plant physiology, and a course about plants and people entitled *Murder, Medicine and Magic*. His scholarly interests include the distributions of plants in southwestern Idaho and southeastern

*Don Mansfield, professor
at the College of Idaho
and keynote speaker for
the 2013 annual meeting*



Oregon and the biology of rare plants. He is currently writing a flora of the Owyhee region of southwestern Idaho and southeastern Oregon. Recently Dr. Mansfield received a National Science Foundation grant to provide funds for student internships to image and database all 42,000 specimens of the College's Herbarium—one of the premier plant "libraries" for southwestern Idaho and surroundings.

Sunday Social

For those who can stay and participate after the field trips, there will be a social held at the Owyhee Plaza Hotel on Sunday evening. We will have a meal and view photographs of the meeting. Please take and share lots of photographs to make this a fun evening.

Field Trips

You can select two of the three available options for field trips offered as part of the regular meeting agenda on Saturday and Sunday. You can also choose to attend the post-meeting, all-day tour of Hells Canyon on Monday.

All Saturday, Sunday, and Monday field trips will leave from a parking lot located a few blocks from the Owyhee Plaza Hotel, address 1511 W Bannock Street, Boise. We will carpool to minimize the number of vehicles on the tours. If you choose not to drive, you will be able to leave your vehicle in the parking lot until you return from the field trip (no overnight parking at this site).

Mores Mountain/Bogus Basin

Tour Leader: Ann DeBolt, Botanist and Natural Communities Specialist at the Idaho Botanical Garden.

Time: 8 a.m. to 3 p.m.

Vehicle Requirements: no restrictions.

Round trip distance: approximately 40 miles.

This field trip involves a short drive north from Boise up Bogus Basin Road to Mores Mountain. Among the scheduled tours, this one includes the shortest driving distance (less than 20 miles, one way) but requires some hiking to see the greatest diversity of plants. The proposed hike is only 1-1.5 miles, easy, and very scenic.

Mores Mountain is one of the higher peaks along the Boise Ridge, a range of relatively low mountains (highest peaks about 7,500 feet) extending from the foothill suburbs of Boise northward into the Boise National Forest. Located just south of Mores Mountain is Bogus Basin Ski Resort, a favored winter destination of local boarders and skiers. After snowmelt, this area becomes a succession of verdant forests and



Penstemon davidsonii (Davidson's penstemon) and *Artemisia frigida* (Fringed sage) in the Western Waterwise Garden, Idaho Botanical Garden.

Photo by Ann DeBolt

Wildflowers on Mores Mountain along the Boise Ridge.

USFS Photo



meadows. A number of penstemon species can be seen on this tour, including *P. payettensis*, *P. deustus*, *P. attenuatus*, *P. humilis*, *P. fruticosus*, and *P. wilcoxii*. Many other unique and/or locally endemic species may also be seen, such as *Mimulus cusickii* and *Lewisia sacajawana*.

Reynolds Creek/Owyhee Front

Tour Leader: Beth Corbin, BLM Botanist.

Time: 7:30 a.m. to 4:30 p.m.

Vehicle Requirements: moderate clearance vehicles recommended.

Round trip distance: 75 to 170 miles, depending on the route conditions will allow.

This field trip involves 36 mile drive west and then south of Boise on U.S. Highway 55 to Marsing, followed by another 20 miles southeast on U.S. Highway 78 to Reynolds Creek Road. Depending on weather and road conditions, the tour may stay mainly on the Owyhee Front or may continue into the crown of the Owyhee Mountains, stop at Silver City, a historic mining district, and possibly end up in Jordan Valley, Oregon.



Slope in bloom in the Reynold's Creek drainage of the Owyhee Mountains. Photo by Beth Corbin

The Owyhee Front, which includes the Reynolds Creek Drainage, is an ecologically unique region. Elevation ranges from 2,300 feet at the Snake River to 8,400 feet at the top of Hayden Peak. The lower elevations include dry, sparse shrublands. As elevation increases, ecological zones change to western juniper woodlands and finally into Douglas-fir forests. This area is home to a number of rare plant species, including *Astragalus mulfordiae*, *Cymopterus acaulis* var. *greeleyorum*, *Eriogonum shockleyi* var. *packardiae*, and *Stanleya confertiflora*. One very rare penstemon is present on the Front, *Penstemon janishiae*, and we should be able to see this little beauty. A number of other penstemons are also common in the area, including a striking form of *P. speciosus*, plus *P. deustus*, *P. attenuatus*, and *P. fruticosus*.

Succor Creek/Leslie Gulch

Tour Leaders: Jean Findley, retired BLM Botanist from Vale, Oregon; and Stephen Love, University of Idaho Extension Specialist.

Time: 7 a.m. to 5 p.m.

Vehicle Requirements: moderate clearance vehicles recommended, but not absolutely required.

Round trip distance: approximately 160 miles.

This route has some rough roads that may not be suitable for sedans (although I have driven my Buick on all of these roads and never had a problem). This field trip involves a relatively long drive west and then southwest of Boise on U.S. Highway 95 across the Oregon border, then a loop back to the north on Succor Creek Road to Homedale, Idaho and ending up back in Boise. Along Succor Creek Road there will be a side trip into Leslie Gulch. Much of the trip entails isolated country with no services or assistance.

The Succor Creek drainage is open, sagebrush country that includes areas of flat plains, rolling hills, and deep riparian canyons. Elevations range from 4,000 to 5,500 feet. Leslie Gulch is a spectacular feature of this region with vertical red cliffs that could just as easily have been transported directly from southern Utah. Although plants appear dry and brown in the late summer, this



Penstemon miser along Succor Creek in eastern Oregon. Photo by Stephen Love

region can have a spectacular flower season in the spring (this is one of those places that is dependent on good winter moisture to bring on the flowers). On this trip, you will see several penstemon species most of us have likely not seen. One is *Penstemon miser*, a species limited to tuffaceous soils of this narrowly defined region, and the other is *P. cusickii*. Other penstemons common to the area are *P. deustus*, and *P. speciosus*. A number of other rare or locally endemic species are present in the area, including *Senecio ertterae*, *Mentzelia packardiae*, *Ivesia rhypara* var. *rhypara*, *Astragalus sterilis*, and *Trifolium owyheense*. On the animal side, it is common to see herds of desert bighorn sheep along the road in Leslie Gulch.

Monday Post-Meeting Tour

Hells Canyon

Tour Leader: Tony McCammon, University of Idaho Twin Falls County Educator and amateur ethnobotanist.

Time: 6 a.m. to 6 p.m.

Vehicle Requirements: moderate clearance vehicles recommended, but not required (I've had my Buick on these roads, too).

Round trip distance: approximately 270 miles.

This is a long field trip that will take a full day. However, it will be more than worthwhile if you have never had opportunity to see the unique geography and ecology of the deepest canyon in North America. The route of the field trip will go from Boise, northwest on Interstate 84 to the Oregon border, north on U.S. Highway 95 to Cambridge, then northwest on Hwy 71 into the south end of Hells Canyon. After driving more than 20 miles into the canyon the route climbs 4,500 feet up Kleinschmidt Grade and wends its way back to U.S. Highway 95 at Council, then retraces the course back to Boise. A portion of this route is gravel and dirt, but most vehicles should be able to complete the drive without problem.

Although the most rugged and spectacular portions of Hells Canyon are isolated from roads, the tour will still provide an opportunity to sample this remarkable realm. The elevation of the Snake River at the bottom of the canyon is about 1,000 feet and has unique ecological zones associated with the relatively warm, dry climate. Here we will find *P. triphyllus*, *P. glandulosus*, and many other unique species. On the grade out of the canyon, we hope to find *P. elegantulus* and other species adapted to dry slopes and moist clefts. At the top of the canyon rim, we will cross into ecosystems dominated by heavy fir/spruce forests alternating with rocky meadows creating the possibility of seeing *P. gairdneri*, *P. payettensis*, *P. deustus*, *P. rydbergii*, *P. fruticosus*, and *P. wilcoxii*. We may have opportunity to see a few rare species outside the genus penstemon, including *Mirabilis macfarlanei* and *Phlox colubrina*.

Field Trip Preparation

Most of the field trips take us into places with limited access to food, water, or other essential equipment. If you are driving, be sure to start each field trip with a full tank of gas. Make sure you have a good spare tire. All field trip participants, please bring:

Sack lunch

Water (at least ½ gallon per person)

Jacket

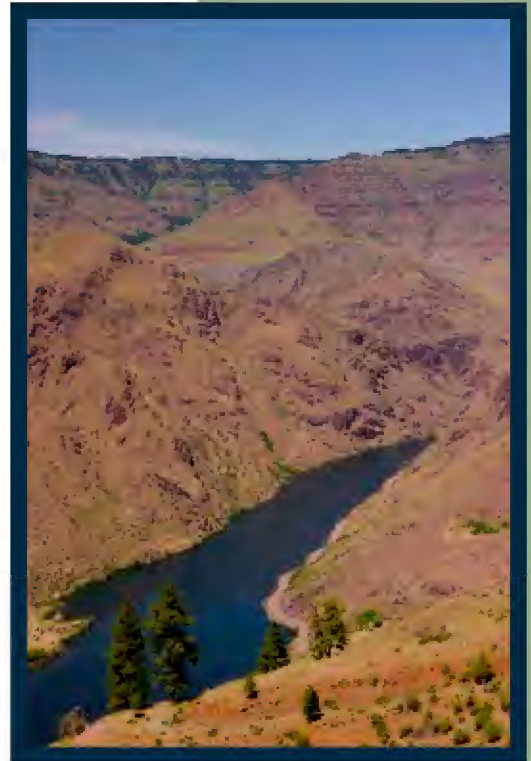
Wide-brimmed hat

Insect repellent

Good hiking shoes

And don't forget your camera and binoculars

Hells Canyon viewed from Kleinschmidt Grade. Photo by Stephen Love



ANNUAL MEETING SCHEDULE

Friday

1:00 p.m. – Board Meeting, APS (Owyhee Plaza Hotel)

1:00 p.m. – Board Meeting, INPS (Owyhee Plaza Hotel)

4:00 p.m. – Welcome reception at the Idaho Botanical Garden (food service begins at 6 p.m.)

Saturday

All field trips depart from the parking lot located at 1511 W Bannock Street, Boise.

7:00 a.m. – Depart on the tour to Succor Creek/Leslie Gulch

7:30 a.m. – Depart on the tour to Reynolds Creek/Owyhee Mountains

8:00 a.m. – Depart on the tour to Mores Mountain/Bogus Basin

6:00 p.m. – Reception (Owyhee Plaza Hotel)

7:00 p.m. – Banquet, annual business meetings (APS, INPS), keynote speaker (Owyhee Plaza Hotel)

Sunday

All field trips depart from the parking lot located at 1511 W Bannock Street, Boise.

7:00 a.m. – Depart on the tour to Succor Creek/Leslie Gulch

7:30 a.m. – Depart on the tour to Reynolds Creek/Owyhee Mountains

8:00 a.m. – Depart on the tour to Mores Mountain/Bogus Basin

7:00 p.m. – Social and slide show

Monday

Field trip departs from the parking lot located at 1511 W Bannock Street, Boise.

6:00 a.m. – Depart for the post-meeting tour to Hells Canyon. Scheduled return time 6 p.m.

Registration

Registration for the annual INPS meeting will open on March 1. We encourage you to register early to facilitate meeting planning, but we will hold registration open until the meeting begins on June 21.

To register for the meeting, fill out and return the printed registration form included with this article. You can pay registration fees using one of two methods: include a check with the mailed registration form, or send the registration form separately then log onto the APS website (www.apsdev.org), click on the Annual Meetings tab, and follow the instructions to pay using a credit/debit card.

Note: You must be a member of the American Penstemon Society or the Idaho Native Plant Society to attend the joint annual meeting. If you not a member of one of the societies and wish to attend, please fill out and submit the meeting registration, then go online to your society of choice and complete a membership application. Web site addresses: APS: www.apsdev.org; INPS: www.idahonativeplants.org.



Penstemon wilcoxii (left) and *Mirabilis macfarlanei* (below) Photos by Ann DeBolt



REGISTRATION FORM

2013 APS/INPS ANNUAL MEETING

Name _____

Accompanying person name(s) (if applicable) _____

Street Address _____

City _____ State _____ Zip _____

Emergency Contact _____

Special Food or Health Needs _____

Registration Fees	# People	\$ Total
Full registration—\$130 (Friday Reception, Saturday Banquet, Sunday Social)	_____	_____
Partial registration—\$100 (Friday Reception, Saturday Banquet)	_____	_____
Check here if payment to be made online via PayPal _____	Total Fees	_____

Field Trip Preferences (Please check two)

Mores Mountain/Bogus Basin _____

Reynolds Creek/Owyhee Mountains _____

Succor Creek/Leslie Gulch _____

Check here if you plan to participate in the Monday field trip to Hell's Canyon _____

Note: You must be a member of the American Penstemon Society or the Idaho Native Plant Society to attend the joint annual meeting. If you are not a member of one of these societies and wish to attend, please fill out and submit this meeting registration form, then go online to your society of choice and complete a membership application. Society web sites:
 APS: www.apsdev.org; INPS: www.idahonativeplants.org.



Total \$ Remitted _____

Please make checks payable to:

American Penstemon Society

Mail payment and registration to:

Caroline Morris
 1347 W Parkhill Dr
 Boise, ID 83702-1350

Payment by PayPal: Fill out and mail this registration form without payment to Caroline Morris. Go online to the APS website (www.apsdev.org), click on the Annual Meetings tab and follow payment instructions.

The INPS Steering Committee for Rare Plant Ranking chaired by Beth Colket presented the Committee's recommendations to the Board of Directors at the January Board meeting. These recommendations were approved and will be implemented for the Rare Plant Conference this fall. A southern Idaho Regional Working Group (RWG) meeting is scheduled February 7 in Boise (organized by Beth Corbin and Anne Halford) to continue the discussion and collaboration. A northern Idaho Regional Working Group meeting is being organized by LeAnn Abell and Derek Antonelli to be held after the southern Idaho meeting. Listservs will be established for communicating within the Regional Working Groups. The recommendations will be posted on the INPS website under 'Rare Plant Conference' for members to read. Members interested in participating in a RWG should contact one of the organizers listed. Contact information will be posted and chapter presidents also have contact information.

Have you paid your dues? January 1 was the date to renew your membership in the Idaho Native Plant Society. Check your *Sage Notes* label to determine your membership expiration year. Your dues help fund the Education, Research and Inventory Grant (ERIG) Program, the Rare Plant Conference, the Annual Meeting, *Sage Notes* newsletter, an informative website and other INPS programs and activities. A portion of your dues goes to fund Chapter activities as well.

You can renew or join online at www.idahonativeplants.org/inps/JoinInps.aspx. You can fill out the online form and pay through PayPal OR download the membership form and mail it in with your check. OR you may give your chapter Treasurer a check along with any updated information such as address, email, and phone changes. Membership categories are listed online. Thank you for your continued support of Idaho Native Plant Society Programs.

Summer Botany Foray July 11-15, 2013. Dr. James Smith, Director of Snake River Plains Herbarium of Boise State University, is making plans for a foray in the Hazard Lake area. More details will be provided in the May issue and online.

Facebook icon on the INPS Home Page. Be sure to like and follow INPS on Facebook. More detail about chapter meetings, events and announcements is showing up there now. Jody Hull is keeping our account up-to-date currently as announcements are forwarded to her.

Our Flickr Group, Idaho Native Plants needs more members and more photos of the flora of Idaho. If you are not a member of Flickr, you may join at www.flickr.com. The group currently has 14 members and 201 impressive photos, but that is not enough to show off the diverse native flora of Idaho or the talents of our INPS photographers. You don't have to be a member of INPS to join our Flickr Group. It's a great way to share your photos with others. Check us out at http://www.flickr.com/groups/idaho_native_plants/.

Sage Notes The Editor and the Board are hoping to identify members or contacts who have experience using publishing applications such as Adobe InDesign (CS 5.5) or who are willing to work as a volunteer with the editor to compile the material as it is submitted for *Sage Notes*. *Sage Notes* has received many positive comments both from within and outside INPS because of the professional approach and style Jane brought to its production. It is important that INPS continue to produce a high-quality online publication, particularly in these times when our readership is not limited to INPS members. If you or someone you know would be interested in being part of the Sage Notes team, let us know. Helping with the editing and production of Sage Notes is an excellent opportunity to learn new skills and add to your resume. To learn more, contact: sage-editor@idahonativeplants.org.

Memberships by Chapter & Category As of 12/31/12								
Chapter	Household	Individual	Life	Patron	Senior	Student	Sustaining	Totals
Calypso	1	4	0	0	10	0	1	16
Loasa	9	4	0	0	7	0	1	21
Pahove	29	50	6	1	28	5	9	128
Sawabi	20	5	1	1	23	1	1	52
Upper Snake	7	14	0	0	12	2	3	38
White Pine	20	30	0	0	20	6	8	84
Wood River	0	4	0	0	1	0	4	9
At Large	1	8	2	0	1	0	3	15
TOTAL	87	119	9	2	102	14	30	363
% by Category	24%	33%	2%	1%	28%	4%	8%	100%

Elections: The President and Secretary positions come up for election this year. A slate is being prepared by the Nominating Committee. Members will have an opportunity to vote later this spring and the new officers will be introduced at the Annual Meeting.

Announcements: A paper describing Danielle Clay's research on *Castilleja christii* has been accepted for publication in the *American Journal of Botany*. The abstract may be viewed at <http://www.amjbot.org/content/99/12/1976.abstract>. **Homoploid hybrid speciation in a rare endemic *Castilleja* from Idaho (*Castilleja christii*, Orobanchaceae).** Authors listed are D. L. Clay, D. C. Tank, S. J. Novak, M. D. Serpe, and J. F. Smith. Quoted from the *Conclusions*: "We conclude that *C. christii* is a stabilized homoploid hybrid derivative of *C. linariifolia* and *C. miniata* and is likely following an independent evolutionary trajectory from its progenitors." This research was partially supported by an INPS Education, Research and Inventory Grant (ERIG).

The Idaho State Historical Museum in Boise has informed us that in the next few weeks they will complete a large exhibit called **Essential Idaho: 150 things that make the gem state unique**. One of the things they are featuring is Idaho plants. Some INPS members have provided photos for a large banner that will hang from the ceiling displaying a montage of Idaho plants. Contact for the exhibit is Kurt Zwolfer, Education Specialist at the museum, 208-334-2120 extension 11.

The American Penstemon Society seeks to fund small projects that focus on scientific or horticultural aspects of Penstemon, especially those that promote conservation or public appreciation. Grants of up to \$1000 are available. The deadline for application is March 31, 2013, with funds distributed in May. Details are provided in the following pdf. <http://www.idahonativeplants.org/news/2013PenstemonSocietyGrant.pdf>. Announcement was received from Dorothy E. Tuthill (DTuthill@uwyo.edu), Special Projects Chair, American Penstemon Society.

Connor White, Rangeland Center Intern with the University of Idaho Rangeland Center has notified us of the new 2012 edition of the **Backpack Guide to Idaho's Range Lands**. This seventh edition features color prints and color-coded page edges to easily move between grass, forb and shrub sections. Proceeds from the sale of the book go to support a student internship at the University of Idaho Rangeland Center. More information will be posted soon on the INPS website.

Daniel Clay has shared the links for a paper and website regarding the new species delimitations within the genus ***Cryptantha*** s.l., based on morphology, habit, and phylogenetic data. Dr. Michael Simpson recently published with a graduate student on this topic (www.sci.sdsu.edu/plants/publications/Hasenstab_Simpson2012-Cryptantha-Boraginac.pdf). *Cryptantha* s.l. is polyphyletic so he and his colleagues split the large *Cryptantha* s.l. genus into several extant genera and resurrected others. Dr. Ron Kelley of Eastern Oregon University in La Grande, Oregon and Dr. Simpson are currently working on *Cryptantha* and other borages for Vol. 15 of Flora of North America, which should be out in 2014. However, if you need to key a cat's-eye or popcorn flower before that, you might use Dr. Simpson's website <http://www.sci.sdsu.edu/plants/oreocarya/index.html>, where he has many keys and lists of northwest and Rocky Mountain species of *Cryptantha*, complete with their new and old names.

New Feature: Flickr Hive Mind: Flickr often adds new features, and others write apps as well, which can access the millions of photographs in this photosharing database. The Flickr Hive Mind app mines the photo database for photos with a specific tag. (Tags are assigned to photos by the photographer who updates the photo; if tags are compound, spaces are removed.) An example: when looking for other photos of *Castilleja arvensis* substitute the tag 'castillejaarvensis' in the following URL. You will see a set of all the photos from many photographers. Check it out! For example: <http://flickrhivemind.net/Tags/castillejaarvensis/Timeline>

The exhibit "David Douglas: A Naturalist at Work", curated by Jack Nisbet, is at the Northwest Museum of Arts and Culture Museum in Spokane through August 2013. Nisbet's new book "David Douglas: A Naturalist at Work: An Illustrated Exploration across Two Centuries in the Pacific Northwest" was recently published and is the focus of the exhibit.

Scottish naturalist David Douglas (1799-1834) traveled the Columbia River and interior Northwest (1825-1833), identifying and collecting over two hundred species of plants, animals, and birds previously unknown to science. Many bear his name such as Douglas-fir. Northwest Museum of Arts and Culture 2316 W. First Avenue, Spokane, WA 99201 http://www.northwestmuseum.org/index.cfm/Exhibits_Collections_Exhibits.htm (509) 456-3931

Yellowstone and Grand Teton Wildflowers App: Taking your iPhone or iPad to Yellowstone/Grand Teton this summer? Check out this app on iTunes or at www.westernwildflowers.org. Richard J. and Marion Shaw's family has created this app based on the couple's photos and research as a tribute to them.

A Few Comments on the Barrel Type Cacti of Idaho

By LaMar N. Orton

There seems to be some confusion about which barrel type cacti occur in Idaho. There is documentation found in some literature, such as Lyman Benson's book "*The Cacti of the United States and Canada*," that in addition to *Pediocacti*, there are also *Coryphantha vivipara* and *Coryphantha missouriensis* found in Idaho. The following is my view of what does and could occur in Idaho based on cacti distributions in surrounding states.

First the ***Pediocacti***: There are two *Pediocacti* species in Idaho. They are *Pediocactus simpsonii* and *Pediocactus nigrispinus*. Many varieties of these two species have been described, including several in Idaho. The *Flora of North America* and *Intermountain Flora* now do not recognize any varieties and the differences are viewed as variations. There is a variation unique to Idaho that may be a transitional form between *Pediocactus simpsonii* and *Pediocactus nigrispinus*. It was described as *Pediocactus simpsonii* var. *indranus*.

Pediocactus simpsonii is by far the most widespread of the Idaho *Pediocacti*. I have observed this very variable plant in Twin Falls, Owyhee and Cassia Counties and all the way to Salmon. The predominant flower color of this plant in Idaho is yellow, but in some populations it can also be light pink to white. The scent of the flower is very pleasant and when large numbers of plants are in bloom at the same time, one knows the plants are present even before they are seen. The seed capsules are formed quickly after flowering and soon split to release the black seeds.

Ants seem to be a major distributor of *Pediocactus* seeds. I have observed ants both in the wild and in our garden quickly removing seeds as soon as the capsules split. It appears that the ants are after the viscous liquid around the seeds and not the seed itself. In our garden we have had piles of dry seeds show up on the soil surface weeks after all the seeds had been removed and taken underground by ants.

The overall plant size varies considerably with larger plants seeming to occur in the southern part of the State. This species does cluster a bit, but for the most part the plants have single heads.

Pediocactus simpsonii var. *simpsonii*. All photos in this article were taken by LaMar N. Orton in his Twin Falls garden.



Pediocactus nigrispinus is restricted to a relatively small area along the Snake River near Lewiston. This is the plant that is found commonly in Washington and Oregon. It is a much more robust plant than *P. simpsonii* with larger tubercles and thicker spines on mature plants. The flower color is rose pink to almost purple although in Oregon white flowering ones are occasionally found. The scent of the flowers is not at all the pleasant scent of *P. simpsonii*. The smell may even be considered stinky. Many of these plants have single heads, but it tends to cluster more than *P. simpsonii* with often very large clusters being found.

Pediocactus simpsonii* var. *indranus was described by Fritz Hochstätter from Mannheim, Germany. In conversations that I have had with Mr. Hochstätter about this plant he has stated that he now is of the opinion that it should have been described as *Pediocactus nigrispinus* var. *indranus*.

This variation appears to be found only in Idaho and occurs in the Shoup and Panther Creek areas of Lemhi County. It has the same rose pink flower and smell as *Pediocactus nigrispinus*. The plant is smaller than *Pediocactus nigrispinus* but clusters very heavily. Just south of Salmon there are clustering plants of *P. simpsonii* that seem to integrate with this plant but have the yellow *P. simpsonii* flowers.

Coryphantha (also called *Escobaria*): Although I have been to most of the documented sites of *Coryphantha* in Idaho, I have never seen a *Coryphantha* cactus in the state yet. The populations are always *Pediocacti*. The following are plants that occur in the surrounding states that have the potential to be found in Idaho.

Coryphantha vivipara* var. *rosea is found throughout a good part of eastern Nevada and western Utah. It occurs just south of Wendover, Nevada and often grows with *Pediocactus simpsonii*. It has the possibility to occur in southern Cassia and Twin Falls Counties. In this same area of Nevada grow *Sclerocactus pubispinus* and *Echinocereus engelmannii* var. *chrysocentrus*, other candidates for possible Idaho occurrence. *Coryphantha vivipara* var. *rosea* has rose pink flowers that are larger than *P. simpsonii* flowers. It has greenish fruits that form not long after flowering, but they are often held during late summer, through the winter and into early spring if not removed by rodents. The seeds are reddish brown. The plants can be as large as a *Pediocactus* and will occasionally cluster with a few heads.

Coryphantha vivipara* var. *vivipara has the widest distribution of the *C. vivipara*, occurring from New Mexico and Texas to Canada. It occurs in Montana and Wyoming and could possibly occur in Idaho adjacent to those two states. The flowers of these plants are rose pink and are

Pediocactus nigrispinus
var. *nigrispinus*



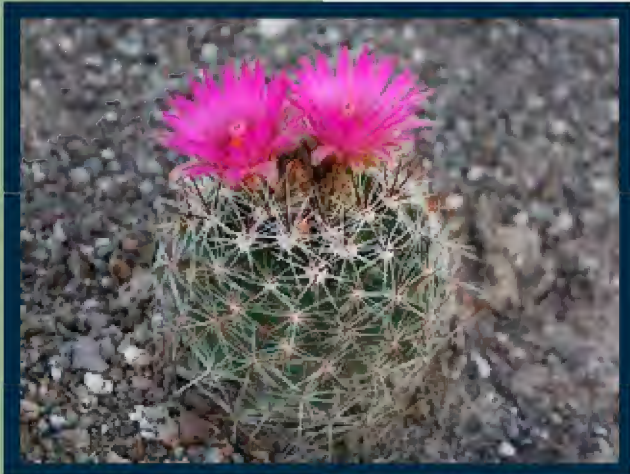
Pediocactus simpsonii
var. *indranus*



Escobaria vivipara
var. *rosea*



Escobaria vivipara
var. *vivipara*



Escobaria missouriensis with
red seed capsules in spring
before flowering.



**Plantasia Cactus
Gardens** in Twin Falls is
a 5-acre botanic garden.
Check their website at
plantasiacactusgardens.com
for more information about
Open House and Plant Sale
dates.

An old clustering plant of
Escobaria missouriensis in
bloom.



larger than *Pediocactus* flowers. The plants tend to have reddish spines, but spine color can be variable with some plants having also totally white spines. Although single plants are often found, this plant will cluster heavily and often have many heads.

Coryphantha missouriensis has a wide distribution from North Dakota to Montana and south into New Mexico, Colorado and Nebraska. It occurs close to Idaho in Beaverhead County, Montana and could occur in Idaho in Fremont, Clark or Lemhi Counties. The flowers are yellow. This plant has the unusual characteristic of holding its seed capsules until spring, when they turn red. Therefore, the seed capsules are visible before flowering and not immediately after flowering like *Pediocacti* and the *Coryphantha vivipara*. The seeds are black.

It is generally a very small plant and after flowering retracts into the soil and almost disappears. (Small *Pediocacti* will retract similarly into the ground.) It can usually only be found when it is in flower or when the red seed pods are on the plant in early spring. It usually is found as a single-headed plant, but as plants age they occasionally cluster, but such clusters are seldom over 3-4 inches across.

Over the years I have attempted to visit every documented site of *Coryphantha* species in Idaho, hoping to find such a plant. I have yet to find a *Coryphantha* in the state. Any information on a *Coryphantha* species found in Idaho would be greatly appreciated.

NATIVE PLANT PRODUCTION

for the Morley Nelson Snake River Birds of Prey National Conservation Area by Ann DeBolt



Machaeranthera canescens, *Chaenactis douglasii*, and other seedlings in the IBG greenhouses

In the summer of 2011, the Idaho Botanical Garden was contacted by the local Bureau of Land Management office to determine our interest in growing native perennial forbs for post-fire habitat restoration in the 500,000 acre Birds of Prey National Conservation Area. Propagating a relatively large quantity of native plants from seed was a first for us. Most of the desired species are not commercially grown, and in some cases, little is known about their germination requirements. A propagation plan was developed first. Seed was then germinated using a combination of methods. Some species required scarification (seed coat modified in some way to allow moisture to enter), and others needed no treatment at all and were simply sown outside in winter or early spring.

The goal was to produce plants for outplanting in October 2012 once fall rains began. Species we grew include:

- Bigflower agoseris - *Agoseris grandiflora*
- Netleaf hackberry - *Celtis reticulata*
- Douglas false yarrow - *Chaenactis douglasii*
- Prairie clover - *Dalea ornata*
- Sulfur buckwheat - *Eriogonum umbellatum*
- Hoary aster - *Machaeranthera canescens*
- Sand penstemon - *Penstemon acuminatus*
- Sagebrush penstemon - *Penstemon speciosus*
- Munro globemallow - *Sphaeralcea munroana*

At the time of this writing (late October), the last of the 2,400 seedlings are being planted by BLM staff and volunteers. A few Garden staff members have been able to help as well. We have learned a lot and hope to grow more of these important native wildflowers again for next year's rangeland restoration projects.

The following article "*Native Plant Production for the Morley Nelson Snake River Birds of Prey National Conservation Area*" is reprinted from the winter issue of the Idaho Botanical Garden's quarterly newsletter, **Garden Thymes**. Our thanks to INPS members Ann DeBolt, Natural Communities Specialist, Idaho Botanical Garden and Anne Halford, Restoration Ecologist with the Boise District Office of the Bureau of Land Management.

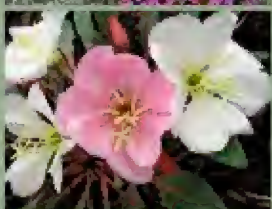
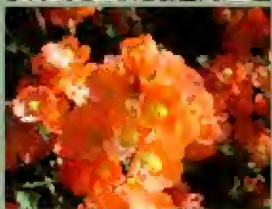
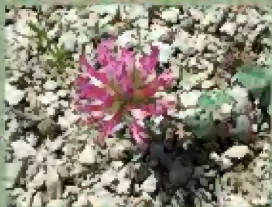
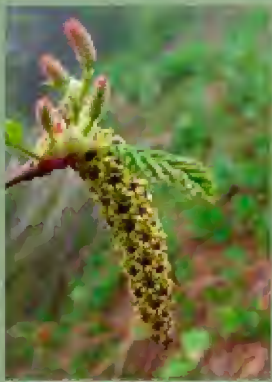
The Morley Nelson Snake River Birds of Prey National Conservation Area website (BLM) http://www.blm.gov/id/st/en/prog/blm_special_areas/birds_of_preynca.html has additional information about the National Public Lands Day planting of seedlings and the difference volunteers can make.



Douglas false yarrow (*Chaenactis douglasii*) above and Sagebrush penstemon (*Penstemon speciosus*) below are two of the native wildflowers grown for this project.

Photos by Ann DeBolt





Rules and Entry Form are also posted on the INPS webpage www.idahonativeplants.org.

2013 INPS Photo Contest Rules

Who may submit photos

INPS members or their immediate family members are eligible to submit photos. A maximum of 5 photos per individual can be submitted. Photos will only be accepted from the photographer who shot them.

How might my photos be used?

Your photos may be used as part of the image library (to be housed on the INPS website), in education and outreach materials, in *Sage Notes*, and in future calendars. The photographer will retain the copyright of images he or she submits. INPS will have the right to use the images submitted in documents promoting Idaho native plants. Please do not submit photos of people.

What are the start and end dates?

Photos will be accepted from 03/31/2013 until 8/30/2013. Photos will be judged by a photo contest committee during the fall of 2013. Official winners will be announced on January 1, 2014.

What types of photos are acceptable?

INPS will only accept photos of plants native to Idaho. No ornamentals please. Identify the plant to Genus and species (if possible). Please label your photos by Genus_species (if possible) then detail, (where detail = location, pollinator, or other) followed by photo ID number generated by the camera (Example: *Celtis_reticulata_BoiseCounty_6693.jpg*). No spaces allowed in the image file name.

How are photos grouped and judged?

Photos will be grouped and judged in the following three categories:

1. Close-up shot of a single species
2. Habitat with multiple species
3. Plant-pollinator interaction

There will be 1st and 2nd place winners in each category.

What format of photo is acceptable?

Up to 5 high resolution digital images may be submitted by each individual. Each image must be no larger than 10 mb. Prints and slides will not be accepted but may be digitized by the entrant so that the photo(s) may be submitted in digitized format. Formats accepted are jpg, png, and tif.

How do I submit a photo entry? Submit digital images by email preferably or by USPS on a CD. In either case each image must be accompanied by the **entry form** which is posted on the state website (www.idahonativeplants.org). The entry form can be copied and pasted into a Word document and attached to the email.

To submit by email, send each image and matching entry form separately with subject line: INPS **photo contest # of #** to inps-photo@idahonativeplants.org

To submit by USPS, send a CD of images and entry form to the following address:

Idaho Native Plant Society

INPS Photo Contest

P.O Box 9451

Boise, Idaho 83707

Prizes

To be determined and to be awarded January 1, 2014 with official announcement of winners.

Earlier photo contest entries by Sarah Walker, Michael Mancuso, Cyndi Coulter, Michael Mancuso, Julie Riddle, Gay Gilbert.

Entry Form for 2013 INPS Idaho Native Plant Photo Contest

Please complete and include one entry form with each digital photo entry. Each photographer may submit up to a maximum of 5 digital images. The entrant must have taken the photo being submitted and have the right to enter the photo.

Property releases must be included for photos of private property not owned by the photographer or his or her immediate family.

This form can be copied and pasted into a Word document and included as an attachment, or pasted directly into an email and submitted with each photo.

NAME: _____

STREET OR PO BOX ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

CELL PHONE: _____ HOME PHONE: _____

EMAIL: _____

DIGITAL IMAGE FILE NAME: _____

(Example: *Acer_negundo_fruit_6694*)

Any comments you wish to add:

By submitting my photograph with this Entry Form, I grant non-exclusive, non-transferable reproduction rights to the Idaho Native Plant Society for the purpose of promoting native plants and habitats. Accepted photographs may be used for educational presentations or printed materials, such as calendars, note cards, and posters, and may include fundraising.

Photo credits for material used should appear as:

[Please PRINT exactly how you wish photo credit to appear.]

SIGNATURE:

Electronic submission of this Entry Form constitutes the Signature of the applicant and agreement to the terms of the 2013 INPS Photo Contest Rules.

Ensure that your packaging protects the CD if photo is sent via the mail. Please include a return address and a self addressed mailer with correct postage for return of CD.

INPS Chapter News

INPS CHAPTERS

CALYPSO CHAPTER

821 W. Mustang Ave.
Hayden, ID 83835

President: Derek Antonelli
Vice President: Vacant
Secretary: Karen Williams
Treasurer: Janet Benoit
Newsletter: Vacant

LOASA CHAPTER

340 E 520 N.
Shoshone, ID 83352

President: Kelvin Jones
Vice President: LaMar Orton
Secretary/Treasurer:
Lois Rohay

PAHOVE CHAPTER

P.O. Box 9451
Boise, ID 83707
Pahove.chapter@gmail.com

President: Karie Pappani
Vice Pres.: Elaine Walker
Secretary: Danielle Clay
Treasurer: Caroline Morris
Venue Coord.: Susan Ziebarth
Conservation: Justin Fulkerson
Members at Large:
Cyndi Coulter, Karen Colson, &
Jody Hull

SAWABI CHAPTER

146 South 17th Ave. Pocatello,
ID 83201

President: Bob McCoy
Vice Pres.: Dick Anderson &
LaRue Gregersen
Secretary: Barbara Nicholls
Treasurer: Cathy Frischmann
News to members: Linda Johnson
Chapter News: Ardys Holte
Web site: Catalina Steckbauer
Hospitality chair: Pauline Havens
Conservation/Education
chair: Janet Bala
Members-at-large: Janet Bala,
Pauline Havens, Ardys & Karl
Holte, Linda Johnson, Chris
McCoy, Mel Nicholls, & Shirley
Rodgers.

CALYPSO CHAPTER

When: Meetings are the first Wednesdays of March, April, May and October at 7:00 p.m. Field trips are during the spring and fall and we do not meet from November to February.

Where: Conference room of Idaho Department Fish and Game, 2885 W. Kathleen Ave., Coeur d'Alene, ID 83815

Contact: Derek Antonelli, antonelli8@frontierdotcom

UPCOMING EVENTS

March 6, 2013: Business: Determine field trips for the upcoming season.

Presentation: Hager Lake Vegetation Study.

April 3, 2013: Business: TBD.

Presentation: Tentatively on the characteristics of the Lily Family.

May 1, 2013: Business: TBD.

Presentation: Possibly on the characteristics of the Rose Family.

LOASA CHAPTER

All INPS members and the public are welcome to attend chapter events.

When: Meetings are held the third Thursday of each month

Where: Taylor Building, Room 258, College of Southern Idaho, Twin Falls

Contact: Kelvin Jones, (208) 886-7051

PAHOVE CHAPTER

When: Meetings are generally held on the 2nd Thursday of each month from September through April, 6:30 p.m.

Where: Meetings are usually held at the MK Nature Center Auditorium.

Contact: For up-to-date information about Pahove Chapter activities visit the INPS website: www.idahonativeplants.org, the INPS Facebook page, or email Karie Pappani at pahove.chapter.president@gmail.com

We are well on our way into another great season filled with interesting presentations and excellent opportunities for camaraderie. Our upcoming presentations from February through April are described in this issue.

PAHOVE CHAPTER UPCOMING EVENTS

**Thursday, February 7, 2013 –
Presentations by our Board
Members**

MK Nature Center, 7:00 p.m.

We are so privileged to have board members who love to travel abroad and at home to discover the wonders of plants. In this double presentation, Caroline, our treasurer, will show us wildflowers of Turkey and/or Croatia AND Justin, our one and only conservation committee member, will teach us more about a local species, Packard's milkvetch.

**Thursday, March 14, 2013 – Cedars
of Lebanon, and lichens as indicators
of forest health,**

Presenter: Roger Rosentretter

MK Nature Center, 7:00 p.m.

Roger Rosentretter is a recently retired Botanist, gardener, and world traveler. He will share with us some of the plants he encountered on a recent trip to Lebanon. It's sure to be an exciting journey!

**Thursday, April 11, 2013 – Native
plant landscaping**

Presenter: Peggy Faith

MK Nature Center, 7:00 p.m.

Peggy is a landscaping expert and gardener passionate about utilizing plants that will do well with little care in our arid climate...what better plants to use than natives? Peggy will share with us her secrets to establishing and maintaining native plants in our gardens.

SAWABI CHAPTER

Meetings: We welcome the public to our chapter's informative programs.

When: First Monday of each month, October through April, 7:00 p.m.

Where: Middle Fork Room of the Pond Student Union Building, ISU Campus, Pocatello.

Contact: Call (208) 241-5851 or email Sawabi.inps@gmail.com.

INPS CHAPTER NEWS

SAWABI CHAPTER UPCOMING EVENTS

Monday, February 4, 2013. Recent activities at the Ray J. Davis Herbarium

Presenter: Dr. Rick Williams, Herbarium Curator

Our February 4th meeting will feature Dr. Rick Williams' presentation on the recent activities at the Ray J. Davis Herbarium - Idaho Museum of Natural History on the ISU campus. Dr. Williams will discuss the history and importance of the herbarium, recent field trips and collections, and progress in putting its resources online for the public. Following the presentation there will be a tour of the herbarium. Dr. Williams is a plant ecologist at ISU and curator of the herbarium.

Monday, March 4, 2013. Photo Presentations

Presenters: Chapter member

The March 4th meeting will be members' photo presentations of last year's memorable trips. Each year members are invited to share a 10-minute slide show for the enjoyment of all during the March meeting.

March 23-30, 2013 will be our annual desert spring wildflower trip. This corresponds with ISU's spring break. The details are TBD and will depend on spring rainfall patterns among other considerations.

April event will be our annual dinner meeting, the election of officers for the next year and the selection of spring and summer field trips.

SAWABI CHAPTER RECENT EVENTS

In October, ten members of the Sawabi Chapter and the Upper Snake Chapter visited the Plantasia Cactus Gardens in Twin Falls. The visit was hosted by LaMar Orton, garden owner and President of the Idaho Native Plant Society. The visitors were impressed with the botanical garden-like layout (including labels) and the variety of cacti in the facility. After the visit the members enjoyed lunch at a Persian restaurant. Please see the photos included below.

UPPER SNAKE CHAPTER

When: Meetings are usually held the 3rd Wednesday of the month at 7:00 p.m. Field Trips are scheduled in the spring and summer.

Where: Idaho Fish & Game office, Idaho Falls

Contact: Sue Braastad, [braastads at yahoo dot com](mailto:braastads@yahoo.com)

WHITE PINE CHAPTER

Meetings: During the spring and fall, meetings are held once a month. Field trips occur regularly whenever the weather allows. Please check the chapter website for events which may be scheduled or finalized after this issue is printed: www.whitepineinps.org or email the chapter officers at whitepine.chapter@gmail.com.

INPS CHAPTERS

UPPER SNAKE CHAPTER

President: Allen Perkins
Vice President: Sue Braastad
Secretary: Alan Crockett
Treasurer: Dave Godfrey
Members-at-large: Mark & Donna Whitman

WHITE PINE CHAPTER

whitepine.chapter@gmail.com

President: Sonja Lewis
Vice President: Susan Rounds
Secretary: Pat Fuerst
Treasurer: Elisabeth Brackney
Member-at-large: Pamela Scheinost Pavek
Past President: James Riser
Landscaping & Restoration
Plants: Juanita Lichthardt
Publicity Chair: VACANT
Web: Nancy Miller, Patricia Hine
www.whitepineinps.org

WOOD RIVER CHAPTER

P.O. Box 3093
Hailey, ID 83333
President: Carol Blackburn
Vice President: VACANT
Secretary: VACANT
Treasurer: VACANT

Sawabi members visiting
Plantasia Cactus Gardens
Photo by Dick Anderson



Four species of "Cholla" - From the left, *Cylindropuntia ramosissima*, several different forms of *C. echinocarpa*, then the white-spined one *C. whipplei*. The tall ones in the back are *C. imbricata*. There is another *C. echinocarpa* by the *C. imbricata*. Two Thompson yuccas (*Yucca thompsoniana*) are in the background. (Thanks, LaMar!) Photo by Dick Anderson

A VISIT TO PLANTASIA CACTUS GARDENS



SAWABI CHRISTMAS PARTY In spite of a drenching rain, more than 50 members enjoyed the annual Sawabi Christmas Party at Karl and Ardys Holte's residence. Pete Frischmann and Mel Nicholls braved the elements to deep fry the turkeys and everyone had a great time.



Joselin Matkins and Ardys Holte sharing a light moment in the kitchen. Photo by Roger Harrer



Ray Laible and Keene Hueftle discussing serious matters. Photo by Roger Harrer

RAY LAIBLE'S PHOTO ODYSSEY

The January meeting featured Ray Laible's photo odyssey from Glacier National Park to the fjords of British Columbia. Ray's pictures of this sparsely settled and beautiful country captured the flora, fauna and scenery.

Mountain goat kids between Glacier and the fjords of British Columbia. Photo by Ray Laible



INPS CHAPTER NEWS

WHITE PINE CHAPTER UPCOMING EVENTS

Please check the Current Events Calendar on our chapter website www.whitepineinps.org for additional information about programs and field trips. Members will receive email updates as information becomes available.

Tuesday, February 12, 2013, 7:00 p.m., White Pine Chapter Meeting

Topic: Hager Pond Ecology Study

Presenter: Derek Antonelli, Calypso Chapter president, Idaho Master Naturalist

Location: 1912 Center, Great Room, 412 East Third St., Moscow, Idaho (between Adams and Van Buren)

Derek Antonelli of the Idaho Master Naturalist Program will present highlights and findings of a 2012 plant ecology study at Hager Pond (Lake) in North Idaho. A study was initially conducted as research for a doctorate thesis by a WSU student in 1952. That study was repeated by professional IDFG botanists in 1992. The property's owner, Archie George, wanted to see a follow-up study in 2012, 60 years after the initial study. IDFG approached the Idaho Master Naturalist Program to see if we could take it on as a volunteer project which they agreed to do. Twenty-seven volunteers put in 64 days of field work on the project. White Pine chapter has held previous field trips to this fen with its floating mats of vegetation and plans to schedule one this summer.

Thursday, March 21, 2013, 7:00 p.m. White Pine Chapter Meeting

Speaker: Michael Mancuso of Mancuso Botanical Services

Topic: Idaho endemics and some North Idaho special plants

Location: 1912 Center, Fiske Room, 412 East Third St., Moscow, Idaho (between Adams and Van Buren)

Michael will be discussing and showing photos of Idaho endemics - plant species occurring in Idaho and nowhere else. We will also be treated to images and stories about some special northern Idaho plants that he has had the opportunity to photograph and research. He was with the Conservation Data Center and then the Natural Heritage Program for many years - leading efforts to document information about Idaho's rarest plants.

Wednesday, April 17, 2013, 7:30 p.m. White Pine Chapter / Palouse Audubon Joint Meeting

Topic: Birds and Plants of the Dempster Highway

Speaker: Sarah Walker and Jerry Cebula

Location: 1912 Center, Great Room, 412 East Third St., Moscow, Idaho (between Adams and Van Buren)

The Dempster Highway is a Canadian Highway (Yukon Highway 5 and Northwest Territories Highway 8) which connects the Klondike Highway in the Yukon to the Northwest Territories on the MacKenzie River Delta. The highway itself sits on top of a gravel berm to insulate the permafrost in the soil underneath. Without the thick pad, the permafrost would thaw and the road would sink into the ground.

From past experience we know that Sarah and Jerry will have some wonderful photos of birds, wildflowers and scenery which most of us have never seen.

Saturday, May 4, 2013. Tour of riparian/wetland/forest restoration project near Deary, Idaho.

Co-leaders: Trish Heekin, Latah Soil and Water Conservation District and Craig Hatley

Meet at 8:15 a.m. Eastside Marketplace, Moscow, ID (south side of the parking lot) to arrange carpooling. During part of the tour 4WD high-clearance vehicles will be required.

Participants will carpool to the Hatley property about 3 miles east of Deary arriving about 9:00 a.m. The tour is on Hatley family land and is timed to see the rare Leiberg's *tauschia*



Hager Pond

Photo by Nancy Miller

INPS CHAPTER NEWS

WHITE PINE MEMBER RAY BOYD – ARBORETUM MEMORIAL

White Pine chapter has lost a long-time friend – one who brought joy and knowledge to our chapter. Ray Boyd died December 30, 2012 in Moscow. He was a charter member, an early chapter president, and helped lead a number of field trips. He was very knowledgeable about butterflies as well as our native wildflowers. His work as a silviculturist concentrated on research into forest regeneration. He continued to foster research and mentor those entering the field after his retirement.

Aspens held a special place for Ray, and before his death, he and his family had begun discussing with Paul Warnick, horticulturist of the University of Idaho Arboretum, the creation of an aspen grove in the Arboretum. Ray had identified some groves from which native aspen 'clones' might be collected for this dream. We all hope that this project comes to fruition and that one day a beautiful aspen grove will grace the Palouse Hills and the Arboretum grounds. A fund has been established with the University of Idaho Foundation – the Ray Boyd Arboretum Fund, account #TJF180. His former colleagues, INPS White Pine members, and other friends will collaborate to establish this grove with UI Arboretum staff.

Ray Boyd



(*Tauschia tenuissima*) in bloom. We will see the continuing habitat improvements begun in the 1940s by the late George Hatley and his wife Lola as erosion rehabilitation. Restoration projects now are continued by his son Craig.

Tuesday, May 14, 2013. White Pine Chapter meeting

Topic: Landscaping with Native Plants

Speaker: Don Childress, past president of Kinnikinnick Native Plant Society

Location: 1912 Center, 412 East Third St., Moscow, Idaho (between Adams and Van Buren)

Don has been active in the Master Gardener program especially emphasizing using native plants in landscaping. He is also one of the contributors to the Landscaping with Native Plants book produced by KNPS. Don will share some of his successes and the unexpected challenges of landscaping with natives that he experienced landscaping his own property. Don't miss this timely program.....it will help ensure great results with new acquisitions from our plant sale the following Saturday!

Saturday, May 18, 2013, 8:00 a.m. - 1:00 p.m., White Pine Chapter Plant Sale

Setup: Friday, May 17, 2013. Details will be sent via email to members and contacts

Please check the website for up-to-date information.

Location: 1912 Center, Arts Room, 412 East Third St., Moscow, Idaho (between Adams and Van Buren)

WOOD RIVER CHAPTER

Contact: Carol Blackburn at [blackburncrl at yahoo dot com](mailto:blackburncrl@yahoo.com) for information on activities and gatherings.

Treasurer's Report 4th Quarter 2012

Income:	
Membership Dues	4,912.95
Ads, Annual Meeting, etc	144.08
Sales (2012 Calendar, T-Shirts)	1,645.60
Donations (ERIG, General)	738.00
Total Income	7,440.63
Expenses:	
Sage Notes Editing, Printing	3,044.73
Supplies, Postage, PO Box, Fees	129.84
ERIG Expenditures	604.10
Sales tax	(56.94)
Calendar printing	1,609.29
Total Expenses	5,331.02
Net Income	2,109.61
Balance Sheet	
Assets:	
Checking, Savings, 6-mo CD	12,568.57
Total Assets	12,568.57
Liabilities:	
Unpaid dues to chapters	-
Sales Tax due (estimate)	1,044.77
Unclaimed ERIG funds (2007-2011)	2,971.90
Total Liabilities	4,016.67
Net Balance	8,551.90

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Sage Notes

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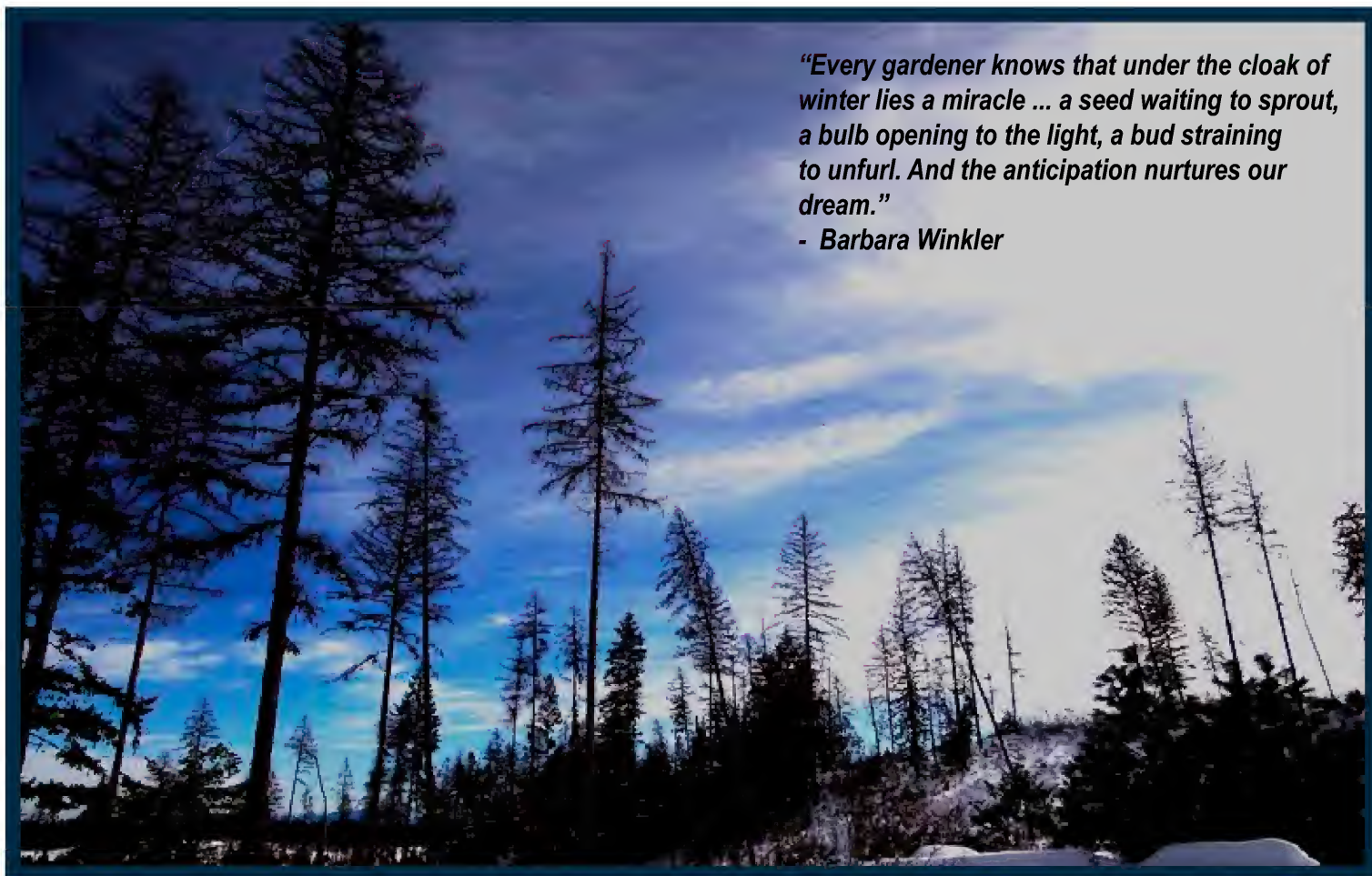


Photo by Terry Gray